Applicant: Roger Victor Bonnert et al. Attorney's Docket No.: 06275-0511US1 / 101301-1P

Serial No. : 10/580,576 US/R&I

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## Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

## **Listing of Claims:**

1. (Currently Amended) A compound of formula (I) or a pharmaceutically acceptable salt thereof:

in which

each of A,B,D and E is independently C-R<sup>1</sup> or N;

## X is carbon;

$$Y \underline{is} [[= C-R^2,]] N [[or C=O]];$$

Z is oxygen, sulphur, a C<sub>1-6</sub>alkylene chain or a bond;

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 $R^1$  is independently selected from hydrogen, halogen, CN, nitro,  $S(O_{jx}R^6, OR^6, SO_2NR^4R^5, CONR^4R^5, NR^7SO_2R^7, NR^7C(O)_xR^7, C_2-C_6$  alkenyl,  $C_2-C_6$  alkynyl,  $C_{1-6}$  alkyl, and aryl or heteoroaryl, the latter four five groups being optionally substituted by one or more substituents independently selected from 1-3 halogen atoms,  $-OR^7$  and  $-NR^4R^5$ ,  $S(O)xR^8$ ,  $C(O)NR^4R^5$ , where x is 0,1 or 2;

 $R^2$  is  $C_{1-6}$ alkyl which may be optionally substituted by one or more substituents independently selected from halogen atoms, aryl,  $-OR^9$  and  $-NR^{10}R^{11}$ ;

 $R^3$  is a quinoline an aryl or heteroaryl group, each of which is optionally substituted by one or more substituents independently selected from halogen, CN, nitro,  $S(O)_x R^6$ ,  $OR^7$ ,  $SO_2NR^4R^5$ ,  $CONR^4R^5$ ,  $NR^4R^5$ ,  $NR^7SO_2R^3$ ,  $NR^7C(O)_xR^6$ ,  $C_2$ - $C_6$  alkenyl,  $C_2$ - $C_6$  alkynyl,  $C_{1-6}$  alkyl, the latter three groups being optionally substituted by one or more substituents independently selected from halogen atoms,  $-OR^6$  and  $-NR^4R^5$ , where x=0,1 or 2;

 $R^4$  and  $R^5$  independently represent a hydrogen atom, a  $C_{1\text{-}6}$ alkyl group, or aryl group the latter two of which may be optionally substituted by one or more substituent groups independently selected from halogen atoms, aryl,  $-OR^{12}$  and  $-NR^{13}R^{14}$ ,  $-CONR^{13}R^{14}$ ,  $-NR^{13}COR^{14}$ ,  $-SO_2NR^{13}R^{14}$ ,  $NR^{13}SO_2R^{14}$ ;

<del>or</del>

 $R^4$  and  $R^5$  together with the nitrogen atom to which they are attached can form a 3-8 membered saturated heterocylic ring optionally containing one or more atoms selected from O, S,  $NR^{15}$ , and itself optionally substituted by  $C_{1-3}$ -alkyl, halogen;

 $R^6$  represents a  $C_{1-6}$ alkyl which may be optionally substituted by one or more substituents independently selected from halogen atoms, aryl,  $-OR^9$  and  $-NR^{10}R^{11}$ [[.]]

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each of  $R^7$ ,  $R^8$   $R^9$ ,  $R^{10}$ ,  $R^{11}$ ,  $R^{12}$ ,  $R^{13}$ ,  $R^{14}$ , independently represents a hydrogen atom,  $C_1$ - $C_6$ , alkyl, an aryl or a heteroaryl group which may be optionally substituted by one or more halogen atoms, OH, O- $C_1$ - $C_6$ alkyl; and

 $R^{15}$  is hydrogen,  $C_{1-4}$  alkyl,  $-COC_1-C_4$  alkyl,  $-COQC_1-C_4$  alkyl, Q=O or  $NR^6$ [[,]] provided that:

the number of nitrogen atoms within the ring ABDE is 1 or 2 when Y is CR<sup>2</sup> and R<sup>3</sup> cannot be phenyl when Y is C=O and X is nitrogen.

- 2. (Cancelled)
- 3. (Cancelled)
- 4. (Cancelled)
- 5. (Currently amended)  $\underline{A}$  compound according to claim  $\underline{1}$  [[4]] in which Z is a bond.
- 6. (Cancelled)
- 7. (Cancelled)
- 8. (Previously Presented) A compound according to claim 1 in which Z is sulfur, methylene or a bond.
- 9. (Currently amended) A compound according to claim 1 selected from:

5-methyl-3-(4-quinolinyl)-1*H*-indazole-1-acetic acid;

5-cyano-3-(4-quinolinyl)-1*H*-indazole-1-acetic acid;

3-(6-fluoro-4-quinolinyl)-4-(trifluoromethyl)-1*H*-indazole-1-acetic acid; and

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4-iodo-3-(4-quinolinyl)-1*H*-indazole-1-acetic acid;

- 3-[(4-chlorophenyl)thio]-5-iodo-1*H*-indazole-1-acetic acid;
- 3-(7-chloro-4-quinolinyl)-2-methyl-1H-pyrrolo[2,3-b]pyridine-1-acetic acid, sodium salt;
- 3-[(4-Chloro-2,4-cyclohexadien-1-yl)thio]-2,5-dimethyl-1*H*-pyrrolo[3,2-*b*]pyridine-1-acetic acid;
- 2,5-Dimethyl-3-[[4-(methylsulfonyl)-2,4-cyclohexadien-1-yl]methyl]-1*H*-pyrrolo[3,2-*b*]pyridine-1-acetic acid;
- 2,5-Dimethyl-3-[[4-(methylsulfonyl)phenyl]thio]-1H-pyrrolo[3,2-b]pyridine-1-acetic-acid;
- 4-Chloro-3-[(4-chlorophenyl)thio]-2-methyl-1*H*-pyrrolo[3,2-c]pyridine-1-acetic acid;
- 4-Chloro-2-methyl-3-[[4-(methylsulfonyl)phenyl]thio]-1H-pyrrolo[3,2-c]pyridine-1-acetic acid;
- 3-[(4-Chlorophenyl)thio] 2-methyl-4-phenyl-1*H*-pyrrolo[3,2-c]pyridine-1-acetic acid;
- 2-Methyl-3-[[4-(methylsulfonyl)phenyl]thio]-4-phenyl-1*H*-pyrrolo[3,2-*c*] pyridine-1-acetic acid; and pharmaceutically acceptable salts thereof.
- 10. (Cancelled)
- 11. (Withdrawn) A method of treating a disease mediated by prostaglandin D2, which comprises administering to a patient a therapeutically effective amount of a compound of formula (I), or a pharmaceutically acceptable salt as defined in claim 1.
- 12. (Withdrawn) A method of treating according to claim 11 wherein the disease is asthma or rhinitis.
- 13. (Cancelled)
- 14. (Cancelled)

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15. (Withdrawn-amended) The method according to claim 11 wherein the compound is selected from:

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5-methyl-3-(4-quinolinyl)-1H-indazole-1-acetic acid;
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- 5-cyano-3-(4-quinolinyl)-1*H*-indazole-1-acetic acid;
- 3-(6-fluoro-4-quinolinyl)-4-(trifluoromethyl)-1*H*-indazole-1-acetic acid; and
- 4-iodo-3-(4-quinolinyl)-1*H*-indazole-1-acetic acid;
- 3-[(4-chlorophenyl)thio]-5-iodo-1*H*-indazole-1-acetic acid;
- 3-(7-chloro-4-quinolinyl)-2-methyl-1*H*-pyrrolo[2,3-*b*]pyridine-1-acetic acid, sodium-salt;
- 3-[(4-Chloro-2,4-cyclohexadien-1-yl)thio]-2,5-dimethyl-1*H*-pyrrolo[3,2-*b*]pyridine-1-acetic acid;
- 2,5-Dimethyl-3-[[4-(methylsulfonyl)-2,4-cyclohexadien-1-yl]methyl]-1*H*-pyrrolo[3,2-*b*]pyridine-1-acetic acid;
- 2,5-Dimethyl-3-[[4-(methylsulfonyl)phenyl]thio]-1H-pyrrolo[3,2-b]pyridine-1-acetic acid;
- 4-Chloro-3-[(4-chlorophenyl)thio]-2-methyl-1*H*-pyrrolo[3,2-c]pyridine-1-acetic acid;
- 4-Chloro-2-methyl-3-[[4-(methylsulfonyl)phenyl]thio]-1H-pyrrolo[3,2-c]pyridine-1-acetic acid;
- 3-[(4-Chlorophenyl)thio]-2-methyl-4-phenyl-1*H*-pyrrolo[3,2-c]pyridine-1-acetic acid;
- 2-Methyl-3-[[4-(methylsulfonyl)phenyl]thio]-4-phenyl-1*H*-pyrrolo[3,2-*c*] pyridine-1-acetic acid; and pharmaceutically acceptable salts thereof.